



TITLE:

阿蘇湯の谷間歇泉噴出回数(毎分)観測表

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阿蘇湯の谷間歇泉噴出回数(毎分)観測表

1943 June 12—13,

観 測 者 江藤 敏治, 森 昭三

1943 June 12nd 11 ^R — 12													14 ^R — 15												
時刻	0 ^m	1	2	3	4	5	6	7	8	9	10	Total	時刻	0 ^m	1	2	3	4	5	6	7	8	9	10	Total
0 ^m -10													0 ^m -10		1	0	1	2	3	0	0	0	3	10	
10-20													10-20	0	0	2	2	4	3	6	8	12	12	49	
20-30													20-30	8	12	10	13	9	11	12	8	12	13	108	
30-40	15	14	10	10	12	8	2	2	2	1	7	75	30-40	10	11	9	6	7	6	9	4	7	5	74	
40-50	0	0	0	1	0	4	1	1	1	2	10	20	40-50	4	9	4	4	7	5	6	4	6	2	51	
50-60	2	2	2	2	3	2	3	1	4	7	28	50-60	5	2	3	1	1	0	0	0	0	0	0	12	
12 — 13													15 — 16												
時刻	0 ^m	1	2	3	4	5	6	7	8	9	10	Total	時刻	0 ^m	1	2	3	4	5	6	7	8	9	10	Total
0 ^m -10	14	14	10	15	21	21	21	16	15	15	162	0 ^m -10	0	0	0	1	0	0	0	0	0	0	1	2	
10-20	11	11	10	8	3	3	1	2	1	1	51	10-20	0	2	0	0	0	0	0	0	0	0	0	2	
20-30	0	0	2	2	0	0	0	0	1	2	7	20-30	0	0	1	0	1	1	0	1	1	1	2	7	
30-40	2	1	3	1	0	6	4	8	25		25	30-40	4	2	4	3	1	1	10	11	11	13	60		
40-50	7	8	14	10	11	16	11	11	19	13	120	40-50	11	11	6	13	10	8	10	5	10	9	93		
50-60	20	11	8	7	3	3	3	3	3	1	62	50-60	6	5	7	9	4	6	6	2	2	7	54		
13 — 14 ^R													16 — 17 ^R												
時刻	0 ^m	1	2	3	4	5	6	7	8	9	10	Total	時刻	0 ^m	1	2	3	4	5	6	7	8	9	10	Total
0 ^m -10	0	0	0	0	0	1	0	0	0	4	5	0 ^m -10	→ 大吹雪 →												
10-20	1	1	1	0	0	0	0	5	1	2	11	10-20													
20-30	4	7	8	11	10	12	11	12	10	14	99	20-30													
30-40	14	12	13	9	9	13	9	11	8	11	109	30-40													
40-50	12	13	11	8	6	7	5	6	1	3	72	40-50													
50-60	0	0	0	0	2	1	0	1	0	0	4	50-60													

阿蘇湯の谷間歇泉噴出回数(毎分)観測表

17 ^R — 18													20 ^R — 21												
時刻	0 ⁿ	1	2	3	4	5	6	7	8	9	10	Total	時刻	0 ⁿ	1	2	3	4	5	6	7	8	9	10	Total
0 ⁿ -10													0 ⁿ -10												
10-20													10-20												
20-30					1 ^R	吹	(60)						20-30						親	吹	(60)				
30-40													30-40												
40-50													40-50												
50-60													50-60												

18 — 19													21 — 22												
時刻	0 ⁿ	1	2	3	4	5	6	7	8	9	10	Total	時刻	0 ⁿ	1	2	3	4	5	6	7	8	9	10	Total
0 ⁿ -10													0 ⁿ -10												
10-20													10-20												
20-30					1 ^R	吹	(60)						20-30							親	吹	(60)			
30-40													30-40												
40-50													40-50												
50-60													50-60	0	0	0	0	0	0	0	0	0	0	0	0

19 — 20 ^R													22 — 23 ^R												
時刻	0 ⁿ	1	2	3	4	5	6	7	8	9	10	Total	時刻	0 ⁿ	1	2	3	4	5	6	7	8	9	10	Total
0 ⁿ -10													0 ⁿ -10	1	0	0	0	0	1	0	0	0	0	2	
10-20													10-20	0	0	0	0	0	0	0	0	0	0	0	
20-30													20-30	0	0	0	0	0	0	0	1	0	0	1	
30-40													30-40	0	0	0	0	0	0	0	0	0	0	0	
40-50													40-50	0	0	0	0	0	0	0	0	0	1	1	
50-60													50-60	0	0	0	0	0	0	0	0	0	0	0	

23 ^R — 24(0 ^R)													2 ^R — 3												
時刻	0 ⁿ	1	2	3	4	5	6	7	8	9	10	Total	時刻	0 ⁿ	1	2	3	4	5	6	7	8	9	10	Total
0 ⁿ -10	0	0	0	0	1	0	0	0	0	0	0	1	0 ⁿ -10	0	0	0	0	0	0	0	0	0	1	0	1
10-20	0	0	0	0	0	0	0	0	0	0	0	1	10-20	0	0	0	0	0	0	0	0	0	0	0	
20-30	0	0	0	0	0	0	0	0	1	0	0	1	20-30	0	0	0	0	0	0	0	0	1	0	0	1
30-40	0	0	0	0	0	0	0	0	0	0	0	0	30-40	0	0	0	0	0	0	0	0	1	0	0	1
40-50	0	0	0	0	0	0	0	0	0	0	0	0	40-50	0	0	0	1	0	0	0	1	0	0	2	
50-60	0	0	0	0	0	0	0	0	0	0	0	0	50-60	0	0	0	0	1	1	0	0	0	0	2	

1943 June 13RD 0 — 1													3 — 4												
時刻	0 ⁿ	1	2	3	4	5	6	7	8	9	10	Total	時刻	0 ⁿ	1	2	3	4	5	6	7	8	9	10	Total
0 ⁿ -10	0	0	0	0	1	0	0	0	0	0	0	1	0 ⁿ -10	0	0	0	0	0	0	0	0	0	0	0	
10-20	0	0	0	0	0	0	0	0	1	0	0	1	10-20	1	0	0	0	1	1	0	0	0	0	3	
20-30	0	0	0	0	0	0	0	0	0	0	0	0	20-30	1	0	0	0	0	0	0	0	0	0	1	
30-40	0	0	0	0	0	1	0	0	0	0	0	1	30-40	0	1	0	1	2	0	2	1	0	1	8	
40-50	0	0	0	1	0	0	0	0	0	0	0	1	40-50	0	0	0	1	0	0	1	0	0	0	2	
50-60	0	0	0	0	0	0	0	0	0	0	0	0	50-60	3	0	0	1	1	0	0	0	0	0	5	

1 — 2 ^R													4 — 5 ^R												
時刻	0 ⁿ	1	2	3	4	5	6	7	8	9	10	Total	時刻	0 ⁿ	1	2	3	4	5	6	7	8	9	10	Total
0 ⁿ -10	0	0	0	0	0	0	0	0	0	0	0	0	0 ⁿ -10	0	0	0	0	0	2	1	1	3	2	9	
10-20	0	0	0	0	0	0	0	0	0	0	0	0	10-20	1	0	2	0	3	1	1	1	0	1	10	
20-30	0	0	0	0	0	0	0	0	0	0	0	0	20-30	0	0	1	0	1	0	1	0	3	4	10	
30-40	0	0	0	0	0	0	0	0	0	0	0	0	30-40	3	1	2	4	4	4	2	3	4	1	27	
40-50	0	0	0	0	0	0	0	0	0	0	0	0	40-50	4	5	5	4	1	2	7	3	4	2	37	
50-60	0	0	0	0	0	0	0	0	0	0	0	0	50-60	0	5	3	2	4	0	3	2	0		19	

阿蘇湯の谷間歇泉噴出回数(毎分)観測表

5 ^R — 6													8 ^R — 9												
時刻	0 ^R	1	2	3	4	5	6	7	8	9	10	Total	時刻	0 ^R	1	2	3	4	5	6	7	8	9	10	Total
0 ^R -10	4	2	3	5	8	2	4	4	6	5	43		0 ^R -10	0	0	0	0	0	0	1	0	2	0	3	
10-20	7	3	4	4	3	3	5	5	3	4	41		10-20	0	0	1	1	3	2	2	2	5	1	12	
20-30	6	5	4	7	6	4	6	3	5	5	50		20-30	1	5	12	10	10	11	8	10	7	10	50	
30-40	5	5	4	4	2	4	2	2	3	3	34		30-40	4	4	3	1	3	2	0	0	0	0	27	
40-50	4	2	3	2	4	4	2	3	5	3	32		40-50	1	3	3	0	1	2	0	1	4	4	19	
50-60	2	3	0	2	3	7	6	1			24		50-60	2	0	2	0	3	4	5	8	9		33	
6 — 7													9 — 10												
時刻	0 ^R	1	2	3	4	5	6	7	8	9	10	Total	時刻	0 ^R	1	2	3	4	5	6	7	8	9	10	Total
0 ^R -10	1	4	5	6	6	9	9	5	5	4	54		0 ^R -10	11	12	8	9	6	8	4	8	7	2	75	
10-20	2	0	0	0	2	0	3	0	0	3	10		10-20	4	0	0	0	0	0	0	0	0	1	5	
20-30	2	3	3	4	1	2	3	2	4	5	29		20-30	1	1	6	2	1	4	2	1	5	5	28	
30-40	4	7	5	2	5	5	9	10	6	12	65		30-40	5	5	1	7	8	9	7	9	7	10	42	
40-50	9	7	4	5	0	0	1	0	0	0	26		40-50	10	9	3	2	3	2	0	0	0	0	29	
50-60	0	1	1	3	3	1	3	0	0		12		50-60	1	0	0	1	1	0	0	1	3		7	
7 — 8 ^R													10 — 11 ^R												
時刻	0 ^R	1	2	3	4	5	6	7	8	9	10	Total	時刻	0 ^R	1	2	3	4	5	6	7	8	9	10	Total
0 ^R -10	2	2	3	2	5	5	3	5	3	8	38		0 ^R -10	7	2	1	2	3	4	2	3	3	8	29	
10-20	6	9	7	6	5	8	8	6	6	4	65		10-20	6	7	8	8	8	9	10	6	9	6	47	
20-30	2	0	0	0	1	0	2	0	0	0	5		20-30	10	9	7	9	4	3	1	0	0	0	43	
30-40	1	0	0	0	0	1	0	1	1	0	4		30-40	1	0	0	0	1	0	1	0	3	4	10	
40-50	1	2	1	5	1	7	12	9	12	8	58		40-50	2	3	6	2	5	1	7	12	10	13	61	
50-60	8	7	8	6	2	2	0	2	0		35		50-60	13	11	14	14	10	14	8	10	10		106	

11 ^R — 12													14 ^R — 15												
時刻	0 ^R	1	2	3	4	5	6	7	8	9	10	Total	時刻	0 ^R	1	2	3	4	5	6	7	8	9	10	Total
0 ^R -10	4	0	3	0	2	0	1	0	0	1	17		0 ^R -10												
10-20	0	0	0	3	1	0	1	2	0	2	9		10-20												
20-30	0	4	3	3	2	2	7	3	6	4	36		20-30												
30-40	13	12	14	13	11	10	12	6	4	11	106		30-40												
40-50	4	6	5	6	4	6	3	8	7	10	59		40-50												
50-60	8	6	2	3	4	5	2	2	1		33		50-60												
12 — 13													15 — 16												
時刻	0 ^R	1	2	3	4	5	6	7	8	9	10	Total	時刻	0 ^R	1	2	3	4	5	6	7	8	9	10	Total
0 ^R -10	0	0	0	0	0	0	0	1	0	1	2		0 ^R -10												
10-20	0	0	0	1	0	0	0	0	0	0	1		10-20												
20-30	1	0	0	0	2	0	0	0	0	2	5		20-30												
30-40	0	0	1	5	7	10	8	7	8	12	58		30-40												
40-50	8	5	7	9	9	6	8	5	6	5	68		40-50												
50-60	3	2	4	4	2	3	0	0	5	0	23		50-60												
13 — 14 ^R													16 — 17 ^R												
時刻	0 ^R	1	2	3	4	5	6	7	8	9	10	Total	時刻	0 ^R	1	2	3	4	5	6	7	8	9	10	Total
0 ^R -10	0	0	2	0	0	2	0	2	0	1	7		0 ^R -10												
10-20	→	K	吹	46	4	(100)							10-20												
20-30													20-30												
30-40													30-40												
40-50													40-50												
50-60													50-60												

阿蘇場の谷間源泉噴出回数(毎分)観測表

17 ^R — 18													20 ^R — 21												
時刻	0 ^m -1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	Total		時刻	0 ^m -1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	Total	
0 ^m -10													0 ^m -10												
10-20													10-20												
20-30				観	吹	(60)							20-30	0	0	0	0	0	0	0	0	0	0	0	
30-40													30-40	0	0	0	0	0	0	0	0	0	0	0	
40-50													40-50	0	0	0	0	0	0	0	0	0	0	0	
50-60													50-60	0	0	0	0	0	0	0	0	0	0	0	

18 — 19													21 — 22												
時刻	0 ^m -1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	Total		時刻	0 ^m -1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	Total	
0 ^m -10													0 ^m -10	0	0	0	0	0	0	0	0	0	0	0	
10-20													10-20	0	0	0	0	0	0	0	0	0	0	0	
20-30				観	吹	(60)							20-30	0	0	0	0	0	0	0	0	0	0	0	
30-40													30-40	0	0	0	0	0	0	0	0	0	0	0	
40-50													40-50	0	0	0	0	0	0	0	0	0	0	0	
50-60													50-60	0	0	0	0	0	0	0	0	0	0	0	

19 — 20 ^R													22 — 23 ^R												
時刻	0 ^m -1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	Total		時刻	0 ^m -1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	Total	
0 ^m -10													0 ^m -10	0	0	0	0	0	0	0	0	0	0	0	
10-20													10-20	0	1	0	0	0	0	0	0	0	0	1	
20-30				観	吹	(60)							20-30	0	0	0	0	0	0	0	0	0	0	0	
30-40													30-40	0	0	0	0	0	0	0	0	0	0	0	
40-50													40-50	0	0	0	0	0	2	0	0	0	0	2	
50-60													50-60	0	0	0	0	0	0	0	0	0	0	0	

23 ^R — 24												
時刻	0 ^m -1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	Total	
0 ^m -10	0	0	0	0	0	0	0	0	0	0	0	
10-20	0	1	0	0	0	0	0	1	0	0	2	
20-30	0	0	0	0	0	0	0	0	0	0	0	
30-40	0	0	0	0	0	0	0	0	0	0	0	
40-50	0	0	0	0	0	2	0	0	0	0	2	
50-60	0	0	0	0	0	0	0	1	0	0	1	